AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0028] with the following amended paragraph:

[0028] Referring to ~~Figure 1~~ <u>Figure 2</u>, set-top box 120 includes a central processing unit (CPU) 210 coupled to memory devices, which include a read-only memory (ROM) 220 a random-access memory (RAM) 230. Any number of memory devices may be included in set-top box 120. For example, a memory device may be a logical memory device to include a broadcast file system. A broadcast file system is a carousel of data flowing through a broadcast stream. In one embodiment, set-top box 120 may read data from that stream by waiting for appropriate data to pass by. CPU 210 can be coupled to a number of input/output (I/O) devices via I/O interfaces 240 and 250. CPU is also coupled to decoder 260.

Please replace paragraph [0029] with the following amended paragraph:

[0029] CPU 210 controls the basic operation for set-top box 120. For example, CPU 210 can process inputs from a user. CPU 210 can process instructions stored in ~~RAM 20~~ <u>RAM 230</u> or ROM 220 based on the inputs from the user. Alternatively, CPU 210 can process instructions that are contained within a broadcast stream and are decoded by set-top box 120 or hardware embedded in TV system 100. In one embodiment, a "bug" and its morph instruction and content may be received within a broadcast stream. The bug can be used to launch interactivity. Additionally, the interactivity that may be launched can come from a broadcast stream or from a back channel, e.g., an Internet Protocol (IP) pathway.

Please replace paragraph [0031] with the following amended paragraph:

[0031] Furthermore, set-top box 120 or embedded hardware within television system 100 can decode instructions from a broadcast stream to change an interactive channel bug within a broadcast stream. In one embodiment, an interactive channel bug can be pulled from a logical drive such as the broadcast file system, a back channel, or may be implemented from assets already resident in a set-top box type receiver. The same can be applied to launching interactivity. Any number of sources can provide the interactive channel <u>bug</u> and interactive services.

AMENDMENTS TO THE CLAIMS: